

Please type a plus sign (+) inside this box ☐

Approved for use through 9/30/00, OMB 0651-003  
Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE  
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 660005.98757  
First Inventor or Application Identified Michael C. Barney et al.  
Title Use of Hop Acids to Inhibit Growth of S. aureus and Prevent Toxic Shock Syndrome  
Express Mail Label No. EK290771473US

## APPLICATION ELEMENTS

See MPEP Chapter 600 concerning utility patent application contents.

## ADDRESS TO:

Assistant Commissioner for Patents  
Box Patent Application  
Washington, D.C. 20231

1 ☒ Fee transmittal Form  
(Submit an original and a duplicate for fee processing)

2 ☒ Specification (Total Pages 12)  
(preferred arrangement set forth below)

- Descriptive title of the invention
- Cross References to Related Applications
- Statement Regarding Fed Sponsored R&D
- Background of the Invention
- Brief Summary of the Invention
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

3 ☐ Drawing(s) (35 USC 113) (Total Sheets ☐)

4. Oath or Declaration (Total Pages ☐)

- a. ☒ Newly unexecuted (original or copy)
- b. ☐ Copy from prior Application (37 CFR 1.63(d))  
(for continuation/divisional with Box 17 completed)

### [Note Box 5 below]

- i. ☐ DELETION OF INVENTOR(S)  
Signed Statement attached deleting  
inventor(s) named in prior application.

5 ☐ Incorporation By Reference (useable if Box 4b is checked)  
The entire disclosure of the prior application from  
which a copy of the oath or declaration is supplied  
under Box 4b, is considered as being part of the  
disclosure of the accompanying application and is  
hereby incorporated by reference herein.

6 ☐ Microfiche Computer Program (Appendix)

7. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)

- a. ☐ Computer readable Copy
- b. ☐ Paper Copy
- c. ☐ Statement Verifying identity of above

## ACCOMPANYING APPLICATION PARTS

8 ☐ Assignment Papers (cover sheet & documents)

9 ☐ 37 CFR 3.73(b) Statement ☒ Power of Attorney  
(where there is an assignee)

10 ☐ English Translation Document (if applicable)

11 ☒ Information Disclosure  
Statement (IDS)/PTO-1449 ☒ Copies of IDS  
Citations

12 ☐ Preliminary Amendment

13 ☒ Return receipt postcard (MPEP 503)  
(Should be specifically itemized)

14 ☐ \*Small Entity Statement(s) ☐ Statement filed in prior application  
Status still proper and desired

15 ☐ Certified copy of priority Document(s)  
(if foreign priority is claimed)

16 ☐ Other:

\* A new statement is required to pay small entity fees, except where  
one has been filed in a prior application and is being relied upon

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application no. \_\_\_\_\_

Prior application information: Examiner: \_\_\_\_\_ Group/Art Unit: \_\_\_\_\_

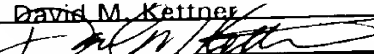
## 18. CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code Label

(Insert Customer No. or Attach bar code label)

o ☒ Correspondence address below

NAME	David M. Kettner		
	Quarles & Brady		
ADDRESS	P O Box 2113		
CITY	Madison	STATE	WI
COUNTRY	US	TELEPHONE	608/251-5000
		FAX	608/251-9166
		ZIP CODE	53701-2113

Name (Print/Type)	David M. Kettner	Registration No. (Attorney/Agent)	45,589
Signature		Date	9-18-2000

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on  
the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231  
DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS SEND TO Assistant Commissioner for Patents, Washington, DC 20231 QBMA0225835

**FEE TRANSMITTAL**

Patent fees are subject to annual revision.  
Small Entity payments must be supported by a small entity statement  
otherwise large entity fees must be paid. See Forms PTO/SB/09-12  
See 37 C.F.R. §§1.27 and 1.28

TOTAL AMOUNT OF

\$ 690.00

Application Number

Filing Date

herewith

First Named Inventor

Michael C. Barney

Group Art Unit

Examiner Name

Attorney Docket Number

660005.98757

**METHOD OF PAYMENT (check one)**

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit  
Account  
Number

17-0055

Deposit  
Account  
Name

Quarles &amp; Brady LLP

Charge Any Additional  
Fee Required Under 37  
CFR 1.16 and 1.17Charge the Issue Fee Set in 37 CFR  
1.18 at the Mailing of the Notice of  
Allowance, 37 CFR 1.311(b)

2. ☐ Payment Enclosed:



Check

Money  
Order

Other

**FEE CALCULATION (fees effective 11/10/98)****1. FILING FEE**

Large Entity Fee Code	Fee (\$)	Small Entity Fee Code	Fee (\$)	Fee Description	Fee Paid
101	690	201	345	Utility filing fee	690.00
106	310	206	155	Design filing fee	
107	480	207	240	Plant filing fee	
108	690	208	345	Reissue filing fee	
114	150	214	75	Provisional filing fee	

SUBTOTAL (1) (\$) 690.00

**2. CLAIMS**

		Extra	Fee from below	Fee Paid
Total Claims	14	-20**= 0	X	
Independent Claims	3	-3**= 0	X	
Multiple Dependent Claims				

\*\* or number previously paid, if greater, For reissues see below

Large Entity Fee Code	Fee (\$)	Small Entity Fee Code	Fee (\$)	Fee Description
103	18	203	09	Claims in excess of 20
102	78	202	39	Independent claims in excess of 3
104	260	204	130	Multiple dependent claim
109	78	209	39	**Reissue independent claims over original patent
110	18	210	09	**Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$)

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Entity Fee Code	Fee (\$)	Small Entity Fee Code	Fee (\$)	Fee
105	130	205	65	Surcharge - late filing fee or oath
127	50	227	25	Surcharge - late provisional filing fee or cover sheet
139	130	139	130	Non-English specification
147	2,520	147	2,520	For filing a request for reexamination
112	920	112	920	Requesting publication of SIR prior to Examiner action
113	1,840	113	1,840	Requesting publication of SIR after Examiner action
115	110	215	55	Extension for reply within first month
116	380	216	190	Extension for reply within second month
117	870	217	435	Extension for reply within third month
118	1,360	218	680	Extension for reply within fourth month
128	1,850	228	925	Extension for reply within fifth month
119	300	219	150	Notice of Appeal
120	300	220	150	Filing a brief in support of an appeal
121	260	221	130	Request for oral hearing
138	1,510	138	1,510	Petition to institute a public use proceeding
140	110	240	55	Petition to revive unavoidably abandoned application
141	1,210	241	605	Petition to revive unintentionally abandoned application
142	1,210	242	605	Utility issue fee (or reissue)
143	430	243	215	Design issue fee
144	580	244	290	Plant issue fee
122	130	122	130	Petitions to the Commissioner
123	50	123	50	Petitions related to provisional applications
126	240	126	240	Submission of Information Disclosure Stmt
581	40	581	40	Recording each patent assignment per property (times number of properties)
146	690	246	345	Filing a submission after final rejection (37 CFR 1.129(a))
149	690	249	345	For each additional invention to be examined (37 CFR 1.129(b))

Other fee (specify) \_\_\_\_\_

Other fee (specify) \_\_\_\_\_

SUBTOTAL (3) (\$)

\* Reduced by Basic Filing Fee Paid

**SUBMITTED BY**Typed or  
Printed Name

David M. Kettner

Registration No.  
(Attorney/Agent)

45,589

Signature

Date

September 12, 2000

**Complete (if applicable)**

Telephone No

608/251-5000